

The future of scholarly communication - annotation and automation

Mario Malicki

As part of FORCE2017 we invite you to a Discussion session: Annotation and automation which will be facilitated using MeetingSphere software, guaranteeing anonymity while allowing you to share your opinions online even after the discussion. So please bring your laptop, tablet, iPad or smartphone with you. You will be able to join the discussion using the link:

<https://eu01.meetingsphere.com/01028638/Bfuture>, which will also be provided during the session (Note: when using an iPad, download the MeetingSphere app via the iTunes store).

The topic we would like to tackle is:

The future of scholarly communication

Description of the problem: The replication crisis in science, alongside P-value hacking, and hypothesis generation after results are known (HARKing) are practices believed to be preventable or mitigated by prospective registration (before data collection or subject recruitment starts) of study protocols (of both experimental and observational research). Yet research has shown that many studies are still not registered, and that the outcomes mentioned in the registration often do not match those later reported. Pre-print servers, post-publication commenting, crowd sourcing, machine learning, alongside semantic web and MediaWiki, open ways for modernizing the current publication culture.

Questions: How do you envision the future of scientific articles and databases?

Additionally, we would also explore the following questions:

1. How can the quality of peer review REPORTS be improved?
2. How can the prospective registration of study protocols be enhanced or encouraged?
3. What would be good ways of reporting study limitations?

In hopes that you will join us,

On behalf of the project members,

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Project website - <https://www.nrin.nl/ri-collection/ri-enterprises/research-consortia/fostering-transparent-rcr-what-can-journals-do/>

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